

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : **08-010585**

(43)Date of publication of application : **16.01.1996**

(51)Int.CI.

**B01D 63/04**

**B01D 65/02**

**C02F 1/44**

(21)Application number : **06-172139**

(71)Applicant : **ISHIGAKI MECH IND CO**

(22)Date of filing : **29.06.1994**

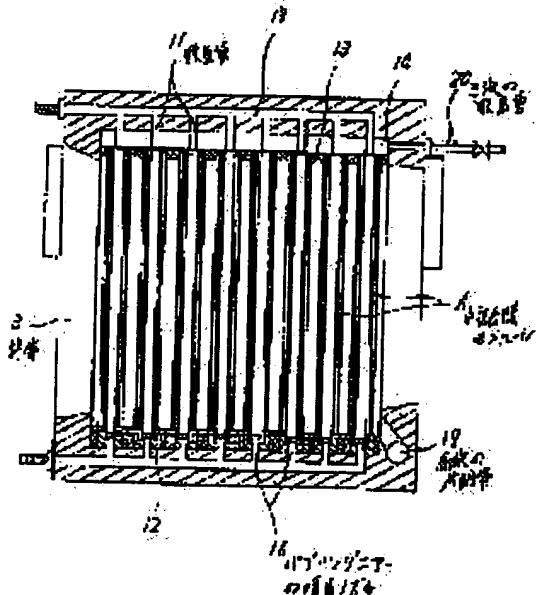
(72)Inventor : **ISHIGAKI EIICHI**

## (54) CONDENSATION DEVICE USING HOLLOW YARN MEMBRANE

(57)Abstract:

**PURPOSE:** To provide a condensation device in which a condensation room to be simply sealed and released is constituted and a condensation membrane inserted in the inside can be easily regenerated and exchanged.

**CONSTITUTION:** Casing-like frame bodies 3 are arranged in parallel movably on a pair of horizontal rods, and a hollow yarn membrane module A arranged with many hollow yarn membranes on the circumstance of an air diffusing pipe 4 is inserted into a hollow part of these frame bodies 3, and on the other hand, a take-out path of a filtrate communicated with the hollow part of the hollow yarn membrane, a feed path of high pressure air communicated with an air diffusing pipe 11, and a feed path for bubbling air having an opening toward a bundle of the hollow yarn membrane are provided in the frame body 3. The condensation room can be opened and closed by moving the frame body 3 and the hollow yarn membranes can be easily washed and exchanged.



**Best Available Copy**

**LEGAL STATUS**

[Date of request for examination] 22.12.1997  
[Date of sending the examiner's decision of rejection]  
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]  
[Date of final disposal for application]  
[Patent number] 3094407  
[Date of registration] 04.08.2000  
[Number of appeal against examiner's decision of rejection]  
[Date of requesting appeal against examiner's decision of rejection]  
[Date of extinction of right]

Copyright (C); 1998,2000 Japan Patent Office

Best Available Copy